



Postdoc position in the NCN OPUS 20 Project

Competition for the NCN postdoc position within the NCN OPUS 20 project, entitled: **“Tryptophan metabolites and their metal complexes as new drugs for colorectal cancer treatment and human gut microbiota regulation”** in the Department of Analytical and Inorganic Chemistry, Division of Analytical Chemistry, Faculty of Chemistry, University of Białystok, Białystok, Poland.

The scholarship is awarded in agreement with the rules set out in the Regulations on awarding research scholarships in research projects financed by NCN, introduced by the resolution of the NCN Council No. 96/2016 of 27 October 2016.

Requirements

1. PhD in analytical or inorganic chemistry
2. Advanced skills in using spectroscopic techniques: UV-Vis, NMR, FT-IR, spectrofluorimetry and others
3. Experience in using potentiometry
4. Experience in thermodynamic chemical speciation calculations
5. Good rank of publications in peer-reviewed scientific articles in international journals (JCR list)
6. Good skills in written and spoken English
7. Teaching record would be much appreciated
8. Experience in talking or writing about science to public would be much appreciated.

Task description

Postdoc fellow will work on the topic: “Studies of interaction of TrpM and their metal complexes with biological media components” in the Department of Analytical and Inorganic Chemistry, Division of Analytical Chemistry, Faculty of Chemistry, University of Białystok, Białystok, Poland.

This topic will require the following activities and duties:

- evaluation of interaction of metal complexes with biomolecules (e.g.: DNA, HAS), using different spectroscopic techniques
- determination of stability constants,
- systematic review and meta-analyses,
- PhD student scientific support,
- leading training workshops teaching advanced statistics and modeling relevant to project tasks for all members of the group.
- Manuscripts preparation.

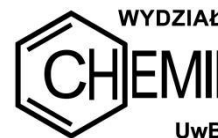
The researcher will be encouraged to:

- develop and work on its scientific ideas as side projects,
- write its own research grant(s).



UNIwersytet w Białymstoku

Wydział Chemii



15-245 Białystok, ul. Ciołkowskiego 1K, ☎ (+48-85) 738-8050; e-mail: chemia@uwb.edu.pl

Conditions

The location of project: Department of Analytical Chemistry, Faculty of Chemistry, University of Białystok, Białystok, Poland

Competition type: OPUS20, ST4

Principal Investigator: prof. dr hab. Beata Godlewska-Żyłkiewicz

The deadline for submitting offers: August 13th, 2023

The final date of the contest: August 31th, 2023

Starting date: September 15th 2023

Grant amount/month: 10 000 PLN /month brutto

Period of grant agreement: 12 months, with opportunity to extend up to 24 months

Form of submission: Applications should be sent to the following e-mail address: **bgodlew@uwb.edu.pl**, with the subject: "**postdoc position**". Please, attach the required documents in the PDF format. Selected candidates may be invited for an interview during the competition procedure. The leader of the project reserves the right to cancel the procedure without giving reasons.

Required documents

1. A cover letter with contact details and brief justification of willingness to participate in the project relating to the requirements.
2. Complete CV with the list of scientific achievements, including publications, scholarships, awards and scientific experience acquired during previous scholarships, workshops and scientific training, participation in research projects.
3. PhD diploma (copy).

Please include the following clause in your application documents: "I agree to the processing of my personal data by the University of Białystok, Białystok, Poland, in order to conduct this recruitment process".